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Sony LTO2 Tape Solution Assures Reliable Protection by Rob Miller

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Market for backup storage solution continues to grow. Applications are now being migrated from computer rooms to client/server architecture, distributed computing and workstations. IDC published a report titled â€œThe Diverse and Exploding Digital Universeâ€• in 2008. The report predicts that by the year 2011, the digital dataâ€™s annual growth rate will be almost 60 percent.

New industry standards have been set by the reliable LTO tape format. Customers of small businesses, workgroups, data centers, branch offices, large enterprises and public organizations prefer the LTO Ultrium technology. Sony is a co-founder of LTO tape technology. Sony LTO2 tape technology offers its users a complete enterprise storage solution that provides unparalleled reliability and outstanding operating efficiency at an affordable price. Sony LTO2 Ultrium technology is positioned as the most reliable and intelligent storage medium providing SMB customers with the perfect balance of superior value and backup performance.

Sony LTO-2 Ultrium is a smart investment. Sony LTO-2 drives perform excellently with SCSI-based and SAS-based servers. Increased recording density allows the Sony LTO2 cartridge to store compressed information up to 400 GB, which is twice as that of LTO1 tapeâ€™s media capacity. This 100% increase in capacity will lower the number of tapes needed to preserve your data. This leads to increased ROI and reduced total ownership cost, thus making Sony LTO-2 the optimal choice for budget-constrained and also space-constrained business enterprises.

Sony also manufactures highly efficient SDLT2 tape cartridges that feature 300GB / 600GB storage capacity. Good news is that 2:1 data compression functionality of Sony LTO2 drives boost the recording performance and double the storage capacity. Investment protection is a crucial factor in devising the data protection strategy. Sony LTO-2 technology provides you the best solution of backward write & read compatibility. Both LTO-1 and LTO-2 data tapes can be used confidently with Sony LTO-2 drives. Incorporation of larger 64 MB data buffer has helped to provide a significant increase in the transfer rate of Sony LTO-2 tape drives. These Ultrium drives are capable of writing data at an ultra high speed of 173 GB/hr (compressed).

Intelligent designed Sony LTO-2 tape products conserve your valuable floor space and secure the critical information at a cost you can afford. Fluctuations in the througSonyut rate of host system can lower the tape driveâ€™s performance level. Therefore a smart â€œdata rate matchingâ€• mechanism has designed by Sony, which enables the tape drive to automatically alter and match its transfer rate with the througSonyut of host.

The IT managers can flexibly select the Sony LTO2 drive model that is ideal for their organization infrastructure, an external table top drive, internal server-installable drive or space efficient 1U rack mount model. Your choice further widens with the host interface options of 3GB/s SAS and SCSI ultra 160 LVD. Reliable data protection technologies combined with low pricing make Sony LTO-2 Ultrium a smart backup solution for todayâ€™s storage-intensive environments. All product and device names mentioned in the article are trademarks and are sole-property of their owners.

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